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Date: August 21, 2003

Docket No.: 0011-0401P

MS PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Qingyuan CHEN; Robert Josef FRANDA

For: REAL TIME DETERMINATION OF GAS SOLUBILITY AND RELATED
PARAMETERS IN MANUFACTURING PROCESSES

Enclosed are:

- ☒ A specification consisting of seventy-one (71) pages
- ☒ Nine (9) sheet(s) formal drawings
- ☒ An assignment of the invention
- ☐ Applicant claims small entity status under 37 C.F.R. § 1.27
- ☒ Applicant does not claim priority

03940 U.S. PTO
10/64997
08/21/03

- ☐ Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s) _____ filed in _____ on _____.
☐ Certified copy(ies) is(are) attached hereto.
☐ Certified copy(ies) will follow.
- ☒ Executed Declaration (☒ Original ☐ Photocopy)
- ☐ Application Data Sheet in accordance with 37 C.F.R. § 1.76
- ☐ Preliminary Amendment
- ☒ Information Disclosure Statement, PTO-1449 and reference(s)
- ☐ Other: _____
- ☐ Applicant requests early publication - \$300.00 publication fee
- ☐ Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i)

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
BASIC FEE			\$750.00	\$375.00
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
TOTAL CLAIMS	43- 20 =	23	X 18 = \$414.00	x 9 = \$0.00
INDEPENDENT CLAIMS	19- 3 =	16	x 84 = \$1,344.00	x 42 = \$0.00
MULTIPLE DEPENDENT <input checked="" type="checkbox"/> CLAIMS PRESENTED			+ \$280.00	+ \$140.00
TOTAL			\$2,788.00	\$0.00

- ☒ A check in the amount of \$2,788.00 to cover the filing fee and recording fee (if applicable) is enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.

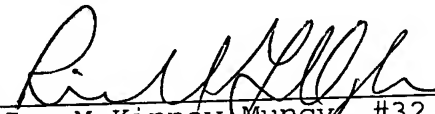
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If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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Attachment(s)

(Rev. 08/21/03)